

Certificate of Analysis

Date of Testing: 2024-11-25 18:10:25
Date of Next Testing: 2028-11-24 18:10:25
Product Name: **Potassium phosphate monobasic**
CAS Number: 7778-77-0
Specifications & Purity: Chromatographic grade, UltraPureChrom™, ≥99.5%(T)
Lot #: K2421618
SKU #: **P113045**
Version: **1**
Analysis #: **440704**

Parameter	Limit Values	Result
UV Absorbance 210nm(10 % in H2O)	0-0.1	0.00
UV Absorbance 300nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 230nm(10 % in H2O)	0-0.04	0.00
UV Absorbance 500nm(10 % in H2O)	0-0.02	0.00
UV Absorbance 220nm(10 % in H2O)	0-0.06	0.02
Purity(Neutralization titration)	99.5-100.5 (%)	99.53%
Appearance (P113045)	Colorless or White or pale yellow Powder or Crystals	Colorless or White or pale yellow Powder or Crystals
Solubility in H2O , soluble0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager